

Tifton, Georgia: Oat Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg
----- lb/acre -----					
NF27	662	1507	2988	5158	.
Harrison	558	1603	2840	5001	.
TX05CS347-1	445	1633	2906	4983	5652
Horizon 201	579	1503	2853	4935	5822
LA976-59-S1	710	1512	2400	4622	5087
Plot Spike LA9339	593	1385	2592	4570	5447
LA99017	405	1277	2879	4561	5611
Oregro 07-LHWH	1250	1420	1891	4560	.
RAM LA99016	466	1346	2723	4535	5607
TX05CS556	837	1612	2021	4469	5040
Horizon 270	819	1303	2335	4456	5235
LA03063-S4	758	1398	2248	4404	.
FL99153-45-S1	527	1285	2475	4287	5033
TAMO 406	405	1416	2444	4265	5239
LA03046-7-S1	697	1311	2183	4191	.
SS76-40	144	1124	2751	4019	5111
Average	616	1415	2533	4563 ¹	5353
LSD at 10% Level	116	159	235	315	N.S. ²
Std. Err. of Entry Mean	49	67	99	132	94

1. C.V. = 5.8%, and df for EMS = 45.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 2, 2009.
 Seeding Rate: 22 seed/foot in 7" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = High, K = Medium, and pH = 6.2.
 Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.
 Topdress: 54 lb N/acre after 1st and 2nd harvests.
 Management: Disked, chisel plowed and rototilled.
 Previous Crop: Canola.

Test conducted by A. E. Coy, R. Brooke and D. Dunn.

Plains, Georgia: Oat Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg
----- lb/acre -----					
RAM LA99016	619	2479	4252	7349	5090
NF27	928	2309	3916	7152	.
Horizon 201	876	2204	4021	7100	5005
TX05CS556	1703	2326	3058	7087	4868
Plot Spike LA9339	998	2161	3777	6935	4912
LA976-59-S1	1211	1773	3899	6883	4934
LA99017	584	1669	4618	6870	5315
TX05CS347-1	471	2344	4008	6822	5337
Oregro 07-LHWH	2078	1934	2775	6787	.
TAMO 406	688	2061	4034	6783	5205
SS76-40	245	1697	4809	6751	4885
Harrison	867	1721	4125	6713	.
LA03046-7-S1	1442	1481	3690	6613	.
Horizon 270	1285	1551	3646	6482	4710
LA03063-S4	950	2161	3158	6269	.
FL99153-45-S1	963	1856	3359	6177	4880
Average	994	1983	3821	6798 ¹	5013
LSD at 10% Level	299	375	487	530	N.S. ²
Std. Err. of Entry Mean	126	158	205	223	123

1. C.V. = 6.6%, and df for EMS = 45.
2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 5, 2009.
 Seeding Rate: 22 seed/foot in 7" rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = Medium, K = Medium, and pH = 6.1.
 Fertilization: Preplant: 20 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.
 Topdress: 40 lb N/acre after 1st and 2nd harvests.
 Management: Disked, bedded and rototilled.
 Previous Crop: Peanuts.

Test conducted by A. E. Coy, R. Brooke, D. Dunn and R. Pines.

Griffin, Georgia: Oat Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	3-31-10	4-22-10	5-26-10	2010	2-Yr Avg
----- lb/acre -----					
OreGro 07-LHWH	2260	1199	2651	6110	.
RAM LA99016	1981	2603	302	4885	5811
LA03046-7-S1	2379	1625	397	4401	.
LA976-59-S1	2123	2008	336	4383	5839
Plot Spike LA9339	2031	1910	408	4349	5101
Horizon 201	2556	1297	408	4260	5525
TX05CS556	2317	1445	446	4207	5303
NF27	2016	1891	282	4189	.
TAMO 406	1622	2234	242	4098	5971
FL99153-45-S1	2197	1402	398	3997	5565
LA99017	1351	2365	192	3908	5994
LA03063-S4	2316	1308	203	3826	.
SS76-40	1296	2250	266	3812	5861
Harrison	1221	2001	450	3673	.
Horizon 270	1873	1334	387	3594	5275
TX05CS347-1	1403	1622	264	3288	5282
Average	1934	1781	477	4186 ¹	5593
LSD at 10% Level	539	377	304	728	N.S. ²
Std. Err. of Entry Mean	227	159	126	306	249

1. C.V. = 14.7%, and df for EMS = 45.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 20, 2009.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.5.

Fertilization: Preplant: 50 lb N, 100 lb P₂O₅, and 150 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st and 2nd harvests.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Oat Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2010	2-Yr Avg
	2-17-10	3-16-10	4-13-10	5-10-10		
----- lb/acre -----						
Oregro 07-LHWH	2144	1357	1563	2452	7515	.
Horizon 201	917	2074	2287	1366	6645	5995
NF27	449	2311	2280	1424	6463	.
TX05CS347-1	651	2234	2154	1181	6220	6164
TAMO 406	827	2113	2226	842	6008	5454
SS76-40	188	1728	2676	1412	6004	5801
FL99153-45-S1	835	2068	2099	770	5771	5712
RAM LA99016	698	2025	1936	1091	5749	5552
Plot Spike LA9339	759	1997	1861	1118	5734	5507
LA03063-S4	1093	1669	2041	890	5692	.
LA99017	283	2031	2432	939	5685	6195
LA976-59-S1	865	1825	1717	1223	5629	5150
Harrison	574	2076	1996	931	5576	.
LA03046-7-S1	1092	1787	1562	950	5392	.
TX05CS556	984	2013	1764	613	5374	5033
Horizon 270	798	1701	1655	901	5055	4861
Average	822	1938	2016	1131	5907 ¹	5584
LSD at 10% Level	377	293	337	298	653	N.S. ²
Std. Err. of Entry Mean	159	124	142	125	274	189

1. C.V. = 9.3%, and df for EMS = 45.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 11, 2009.

Seeding Rate: 22 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = High, and pH = 6.4.

Fertilization: Preplant: 30 lb N, 0 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control; irrigated 0.75" on April 16, 2010 and April 24, 2010.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary: Oat Forage Performance, 2009-2010 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
	2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr	
	2010	Avg	Avg	2010	Avg	Avg	2010	Avg	Avg	2010	Avg	Avg
----- lb/acre -----												
FL99153-45-S1	4287	5033	.	6177	4880	.	3997	5565	.	4820	5159	.
Harrison	5001	.	.	6713	.	.	3673	.	.	5129	.	.
Horizon 201	4935	5822	6839	7100	5005	5219	4260	5525	5858	5432	5451	5972
Horizon 270	4456	5235	6696	6482	4710	5084	3594	5275	5426	4844	5074	5736
LA03046-7-S1	4191	.	.	6613	.	.	4401	.	.	5068	.	.
LA03063-S4	4404	.	.	6269	.	.	3826	.	.	4833	.	.
LA976-59-S1	4622	5087	.	6883	4934	.	4640	5967	.	5382	5329	.
LA99017	4561	5611	.	6870	5315	.	3908	5994	.	5113	5640	.
NF27	5158	.	.	7152	.	.	4189	.	.	5499	.	.
OreGro 07-LHWH	4560	.	.	6787	.	.	6110	.	.	5819	.	.
Plot Spike LA9339	4570	5447	6483	6935	4912	5136	4349	5101	5571	5285	5153	5730
RAM LA99016	4535	5607	6547	7349	5090	5358	4885	5811	5755	5589	5503	5886
SS76-40	4019	5111	6287	6751	4885	5201	3812	5861	6098	4860	5285	5862
TAMO 406	4265	5239	6181	6783	5205	5363	4098	5971	5641	5048	5472	5729
TX05CS347-1	4983	5652	.	6822	5337	.	3288	5282	.	5031	5423	.
TX05CS556	4469	5040	.	7087	4868	.	4207	5303	.	5255	5070	.
Average	4563	5353	6506	6798	5013	5227	4202	5605	5725	5188	5324	5819
LSD at 10% Level	315	N.S. ¹	N.S.	N.S.	N.S.	N.S.	728	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	132	94	179	223	123	124	306	249	189	134	98	96

1. The F-Test indicated no statistical difference at the alpha = 0.1 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).